

FIG. 1

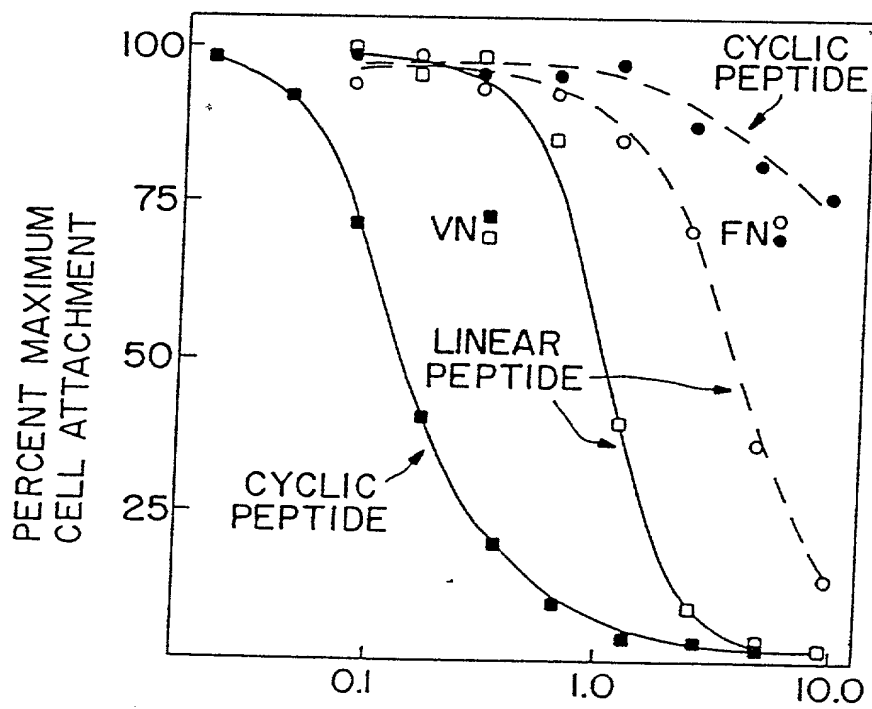


FIG. 2

109290" F2026860

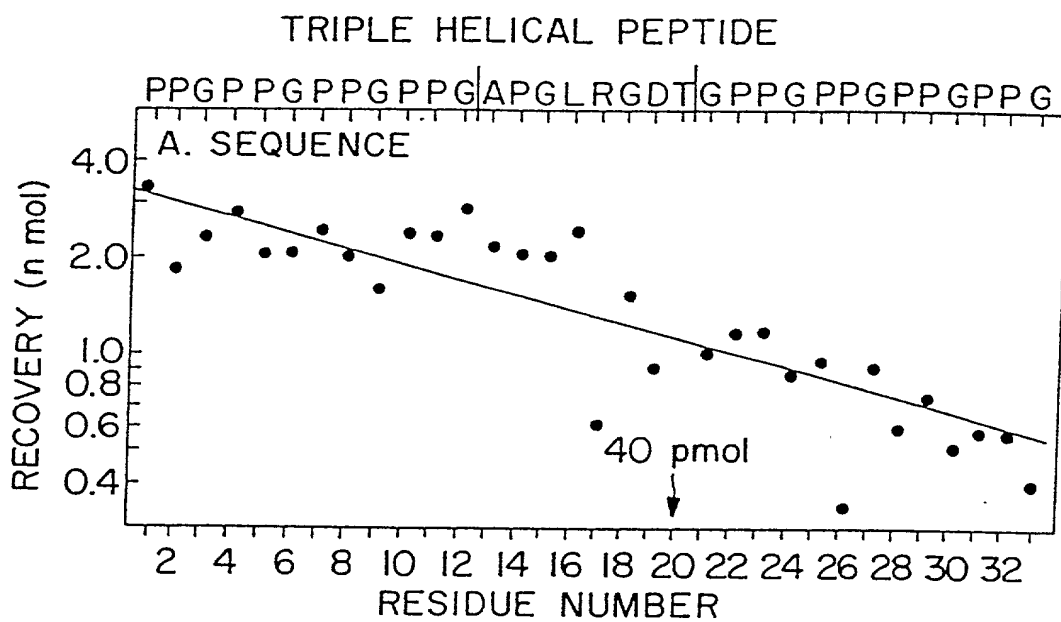


FIG. 3

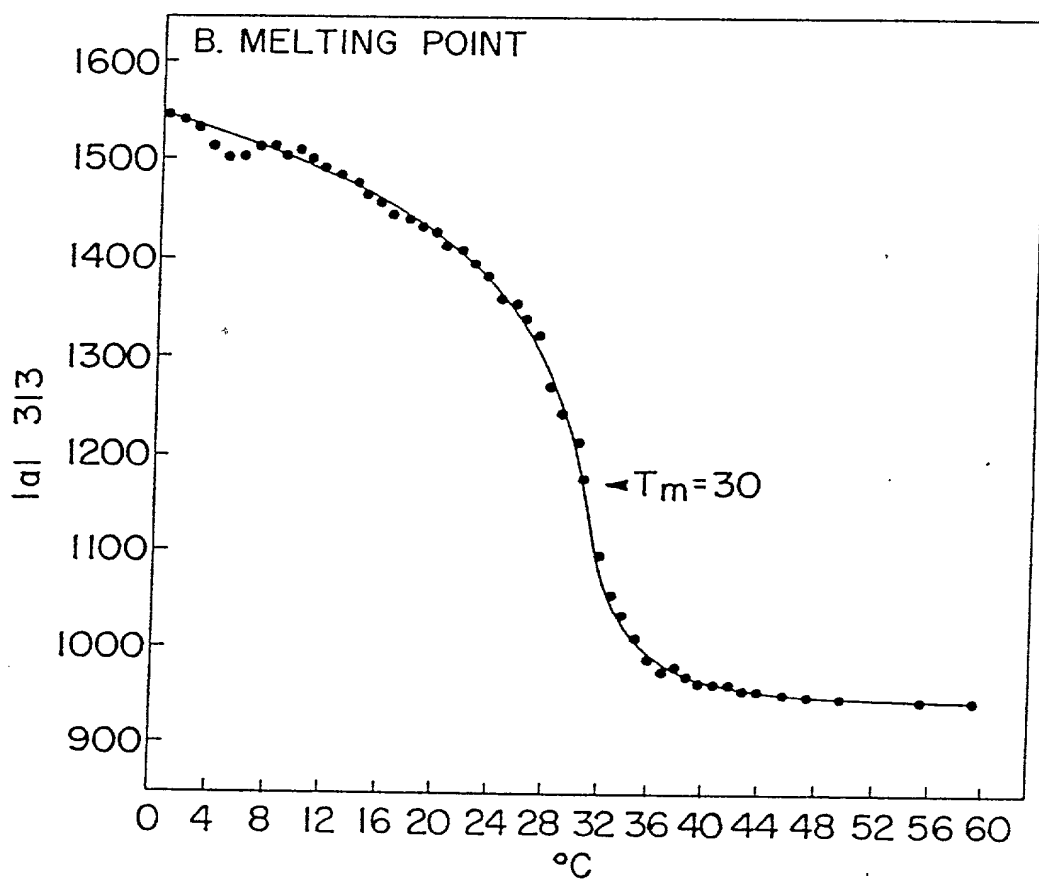


FIG. 4

09882071 062601

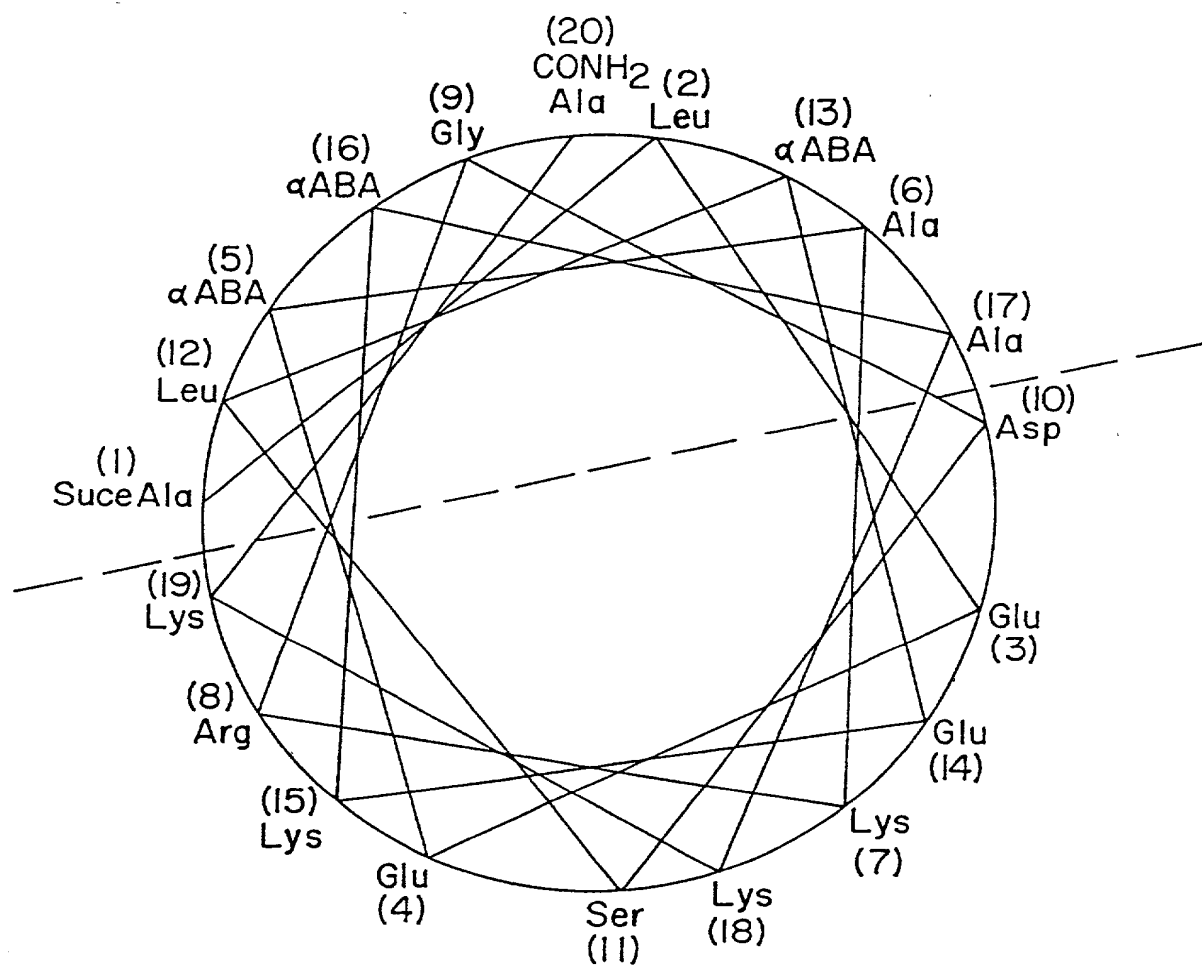


FIG. 5

t-Boc-Gly-PAM

1. 20% TFA (DCM)
2. Fmoc-Asp(OtBu)OH,  
DIC, HOBT

Fmoc-Asp(OtBu)-Gly-PAM

1. 20% Piperidine/DCM
2. Fmoc-Pro OH, DIC, OHBT

Fmoc-Pro-Asp(OtBu)-Gly-PAM

1. 20% Piperidine/DCM
2. Fmoc-Ser(Bzl) OH, DIC

Fmoc-Ser(Bz1)-Pro-Asp(OtBu)-Gly-PAM

1. 20% Piperidine/DCM
2. Fmoc-Asp(OBz1) OH

Fmoc-Asp(OBz1)-Ser(Bz1)-Pro-Asp(OtBu)-Gly-PAM

1. 20% Piperidine/DCM
2. Fmoc-Gly OH, DIC, HOBT

Fmoc-Gly-Asp(OBz1)-Ser(Bz1)-Pro-Asp(OtBu)-Gly-PAM

1. 20% Piperidine/DCM
2. Fmoc-Arg (Tos) OH.  
DIC, HOBT

Fmoc-Arg(Tos)<sup>+</sup>Gly-Asp(OBz1)-Ser(Bz1)-Pro-Asp(OtBu)-Gly-PAM

1. 20% Piperidine/DCM
2. tBOC-Gly OH, DIC, HOBT

t-Boc-Gly-Arg(Tos)Gly-Asp(OBz1)-Ser(Bz1)-Pro-Asp(OtBu)-Gly-PAM

1. TFA

H-Gly-Arg(Tos)Gly-Asp(OBz1)-Ser(Bz1)-Pro-Asp(OH)-Gly-PAM

1. DIC. HOBT

Gly-Arg(Tos)-Gly

PAM-Gly-Asp-Pro-Ser (Bz1)-Asp (OBz1)

HF

Gly-Arg-Gly

H<sub>2</sub>O-Gly-Asp-Pro-Ser-Asp

FIG. 6